



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



NICHOLAS ROBERT VARLEY MIDDLE

Datos Generales

Nombre: NICHOLAS ROBERT VARLEY MIDDLE

Máximo nivel de estudios:

Antigüedad académica en la UNAM: años, meses, días

Nombramientos

Último:

Estímulos, programas, premios y reconocimientos

SNI III 2023

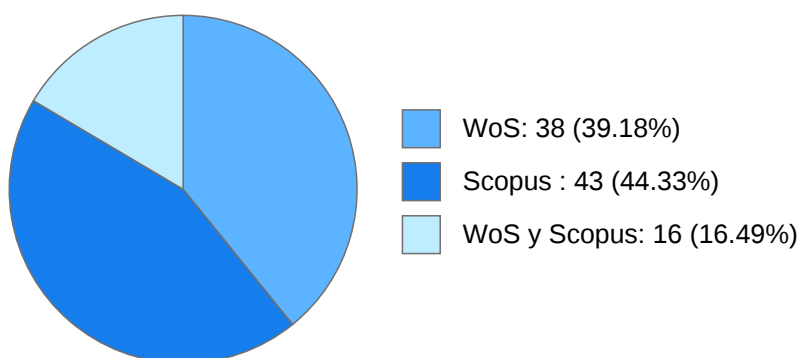
SNI II 2014 - 2022

SNI I 2010 - 2013

NICHOLAS ROBERT VARLEY MIDDLE

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Imaging the 2013 explosive crater excavation and new dome formation at Volcán de Colima with TerraSAR-X, time-lapse cameras and modelling	NICHOLAS ROBERT VARLEY MIDDLE Walter T.R. Harnett C.E. et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2019
2	Monitoring the recent activity: Understanding a complex system	NICHOLAS ROBERT VARLEY MIDDLE	Active Volcanos Of The World	2019
3	Thermal resilience of microcracked andesitic dome rocks	NICHOLAS ROBERT VARLEY MIDDLE Heap M.J. Coats R. et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2018
4	Comment on ?Field and seismic evaluation of the block-and-ash flows emplaced from eruption columns of the 2005 Vulcanian explosions at Volcán de Colima, Mexico? by Zobin et al. Bull Volcanol (2016) 78:27	NICHOLAS ROBERT VARLEY MIDDLE	BULLETIN OF VOLCANOLOGY	2016
5	Blowing off steam: Tuffisite formation as a regulator for lava dome eruptions	NICHOLAS ROBERT VARLEY MIDDLE Kendrick, J.E. Lavallée, Y. et al.	Frontiers In Earth Science	2016

NICHOLAS ROBERT VARLEY MIDDLE

6	Insights into the Structure and Surface Geology of Isla Socorro, Mexico, from Airborne Magnetic and Gamma-Ray Surveys	NICHOLAS ROBERT VARLEY MIDDLE Paoletti V. Gruber S. et al.	SURVEYS IN GEOPHYSICS	2016
7	Pore pressure embrittlement in a volcanic edifice	NICHOLAS ROBERT VARLEY MIDDLE Farquharson J. Heap M.J. et al.	BULLETIN OF VOLCANOLOGY	2016
8	Evidence for the development of permeability anisotropy in lava domes and volcanic conduits	NICHOLAS ROBERT VARLEY MIDDLE Farquharson J.I. Heap M.J. et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2016
9	Permeability and porosity relationships of edifice-forming andesites: A combined field and laboratory study	NICHOLAS ROBERT VARLEY MIDDLE Farquharson J. Heap M.J. et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2015
10	Pulsed Vulcanian explosions: A characterization of eruption dynamics using Doppler radar	NICHOLAS ROBERT VARLEY MIDDLE Scharff L. Hort M.	Geology	2015
11	Rapid and slow: Varying magma ascent rates as a mechanism for Vulcanian explosions	NICHOLAS ROBERT VARLEY MIDDLE Cassidy M. Cole P. et al.	EARTH AND PLANETARY SCIENCE LETTERS	2015
12	Microstructural controls on the physical and mechanical properties of edifice-forming andesites at Volcan de Colima, Mexico	NICHOLAS ROBERT VARLEY MIDDLE Heap, M. J. Lavallee, Y. et al.	Journal Of Geophysical Research-Solid Earth	2014
13	Thermal imaging and analysis of short-lived Vulcanian explosions at Volcan de Colima, Mexico	NICHOLAS ROBERT VARLEY MIDDLE Webb, Erica B. Pyle, David M. et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2014
14	Multiple timescales of cyclical behaviour observed at two dome-forming eruptions	NICHOLAS ROBERT VARLEY MIDDLE Lamb, Oliver D. Mather, Tamsin A. et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2014
15	Rhyolite lava dome growth styles at Chaitén Volcano, Chile (2008–2009): Interpretation of thermal imagery	NICHOLAS ROBERT VARLEY MIDDLE Bernstein M. Pavez A. et al.	ANDEAN GEOLOGY	2013
16	Airborne thermal remote sensing of the volcán de colima (mexico) lava dome from 2007 to 2010	NICHOLAS ROBERT VARLEY MIDDLE Hutchison W. Pyle D.M. et al.	Geological Society Special Publication	2013

NICHOLAS ROBERT VARLEY MIDDLE

17	Open-vent volcanism and related hazards: Overview	HUGO DELGADO GRANADOS NICHOLAS ROBERT VARLEY MIDDLE Rose W.I. et al.	Geological Society of America Special Papers	2013
18	Geochemistry of thermal springs and geodynamics of the convergent Mexican Pacific margin	IOURI TARAN DANTE JAIME MORAN ZENTENO NICHOLAS ROBERT VARLEY MIDDLE et al.	CHEMICAL GEOLOGY	2013
19	Volatiles contents, degassing and crystallisation of intermediate magmas at Volcan de Colima, Mexico, inferred from melt inclusions	NICHOLAS ROBERT VARLEY MIDDLE Reubi, Olivier Blundy, Jonathan	CONTRIBUTIONS TO MINERALOGY AND PETROLOGY	2013
20	Long-range correlations identified in time-series of volcano seismicity during dome-forming eruptions using detrended fluctuation analysis	NICHOLAS ROBERT VARLEY MIDDLE Lachowycz, Stefan M. Pyle, David M. et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2013
21	Quantification of magma ascent rate through rockfall monitoring at the growing/collapsing lava dome of Volcan de Colima, Mexico	NICHOLAS ROBERT VARLEY MIDDLE Mueller, S. B. Kueppers, U. et al.	Solid Earth	2013
22	Magmatic architecture of dome-building eruptions at Volcan de Colima, Mexico	NICHOLAS ROBERT VARLEY MIDDLE Lavallee, Yan Alatorre-Ibargueengoitia, M. A. et al.	BULLETIN OF VOLCANOLOGY	2012
23	Identification of structural controls in an active lava dome with high resolution DEMs: Volcan de Colima, Mexico	NICHOLAS ROBERT VARLEY MIDDLE James, M. R.	GEOFYSICAL RESEARCH LETTERS	2012
24	Characterizing complex eruptive activity at Santiaguito, Guatemala using infrasound semblance in networked arrays	NICHOLAS ROBERT VARLEY MIDDLE Johnson, J. B. Lees, J.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2011
25	Geophysical characterization of hydrothermal systems and intrusive bodies, El Chichón volcano (Mexico)	NICHOLAS ROBERT VARLEY MIDDLE Jutzeler, Martin Roach, Michael	Journal Of Geophysical Research-Solid Earth	2011
26	Rainfall-triggered lahars at Volcan de Colima, Mexico: Surface hydro-repellency as initiation process	LUCIA CAPRA PEDOL NICHOLAS ROBERT VARLEY MIDDLE GIANLUCA NORINI et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2010

NICHOLAS ROBERT VARLEY MIDDLE

27	Chemical and isotopic compositions of thermal springs, fumaroles and bubbling gases at Tacana Volcano (Mexico-Guatemala): implications for volcanic surveillance	IOURI TARAN NICHOLAS ROBERT VARLEY MIDDLE JOSE ANTONIO SANTIAGO SANTIAGO et al.	BULLETIN OF VOLCANOLOGY	2009
28	Particle sizes of andesitic ash fallout from vertical eruptions and co-pyroclastic flow clouds, Volcan de Colima, Mexico	NICHOLAS ROBERT VARLEY MIDDLE Evans, Jason R. Huntoon, Jacqueline E. et al.	Geology	2009
29	Long-period earthquakes and co-eruptive dome inflation seen with particle image velocimetry	NICHOLAS ROBERT VARLEY MIDDLE Johnson, Jeffrey B. Lees, Jonathan M. et al.	Nature	2008
30	Monitoring the 2004 andesitic block-lava extrusion at Volcan de Colima, Mexico from seismic activity and SO ₂ emission	NICHOLAS ROBERT VARLEY MIDDLE Zobin, Vyacheslav M. Gonzalez, Miguel et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2008
31	Fumarole monitoring with a handheld infrared camera: Volcan de Colima, Mexico, 2006-2007	NICHOLAS ROBERT VARLEY MIDDLE Stevenson, John A.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2008
32	Recent lahars at Volcán de Colima (Mexico): Drainage variation and spectral classification	LUCIA CAPRA PEDOL NICHOLAS ROBERT VARLEY MIDDLE Davila N. et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2007
33	Comparative soil CO ₂ flux measurements and geostatistical estimation methods on Masaya volcano, Nicaragua	NICHOLAS ROBERT VARLEY MIDDLE Lewicki J.L. Bergfeld D. et al.	BULLETIN OF VOLCANOLOGY	2005
34	Dynamics and mass balance of El Chichón crater lake, Mexico	IOURI TARAN NICHOLAS ROBERT VARLEY MIDDLE Rouwet D.	GEOFISICA INTERNACIONAL	2004
35	Nitrogen isotopes in thermal fluids of a forearc region (Jalisco Block, Mexico): Evidence for heavy nitrogen from continental crust	IOURI TARAN NICHOLAS ROBERT VARLEY MIDDLE Inguaggiato S. et al.	GEOCHEMISTRY GEOPHYSICS GEOSYSTEMS	2004
36	Degassing processes of Popocatepetl and Volcán de Colima, Mexico	NICHOLAS ROBERT VARLEY MIDDLE IOURI TARAN	Geological Society Special Publication	2003
37	Helium and carbon isotopes in thermal waters of the Jalisco block, Mexico	IOURI TARAN NICHOLAS ROBERT VARLEY MIDDLE Inguaggiato S. et al.	GEOFISICA INTERNACIONAL	2002

NICHOLAS ROBERT VARLEY MIDDLE

38	The absence of diffuse degassing at Popocatepetl volcano Mexico	NICHOLAS ROBERT VARLEY MIDDLE MARIA AURORA ARMIENTA HERNANDEZ	CHEMICAL GEOLOGY	2001
39	Soil gas measurements as an indicator of volcanic activity at Popocatepetl, México	NICHOLAS ROBERT VARLEY MIDDLE MARIA AURORA ARMIENTA HERNANDEZ	Nuovo Cimento C-Colloquia And Communications In Physics	1999
40	The influence of geology on radon levels in S.W. England	NICHOLAS ROBERT VARLEY MIDDLE Flowers A.G.	RADIATION PROTECTION DOSIMETRY	1998
41	Indoor radon prediction from soil gas measurements	NICHOLAS ROBERT VARLEY MIDDLE Flowers A.G.	HEALTH PHYSICS	1998
42	Radon in soil gas and its relationship with some major faults of SW England	NICHOLAS ROBERT VARLEY MIDDLE Flowers A.G.	ENVIRONMENTAL GEOCHEMISTRY AND HEALTH	1993
43	Radon and its correlation with some geological features of the south-west of England	NICHOLAS ROBERT VARLEY MIDDLE Flowers A.G.	RADIATION PROTECTION DOSIMETRY	1992

NICHOLAS ROBERT VARLEY MIDDLE

LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Timescales of degassing and conduit dynamics inferred from 210Pb-226Ra disequilibria in Volcán de Colima 1998-2010 andesitic magmas	NICHOLAS ROBERT VARLEY MIDDLE Reubi O. Sims K.W.W. et al.	Capítulo de un Libro	2015	1862392218
2	Observation of Vulcanian explosions with seismic and acoustic data at Popocatepetl volcano, Mexico	CARLOS MIGUEL VALDES GONZALEZ NICHOLAS ROBERT VARLEY MIDDLE Arámbula-Mendoza R. et al.	Capítulo de un Libro	2013	9781624179853



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



NICHOLAS ROBERT VARLEY MIDDLE

PARTICIPACIÓN EN PROYECTOS

No se encuentran registros en la base de datos de SISEPRO asociados a:

NICHOLAS ROBERT VARLEY MIDDLE



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



NICHOLAS ROBERT VARLEY MIDDLE

PARTICIPACIÓN EN TESIS

No se encuentran registros en la base de datos de TESIUNAM asociados a:

NICHOLAS ROBERT VARLEY MIDDLE



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



NICHOLAS ROBERT VARLEY MIDDLE

DOCENCIA IMPARTIDA

No se encuentran registros en la base de datos de DGAE asociados a:

NICHOLAS ROBERT VARLEY MIDDLE



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



NICHOLAS ROBERT VARLEY MIDDLE

PATENTES

No se encuentran registros en la base de datos de patentes asociados a:

NICHOLAS ROBERT VARLEY MIDDLE

NICHOLAS ROBERT VARLEY MIDDLE

FUENTES DE INFORMACIÓN

Internos

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2025
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2025
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2025
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

Externos

#	Información	Fuente	Sistema	Periodo
8	Documentos Indexados	Elsevier	Scopus	2008-2025
9	Documentos Indexados	Thomson Reuters	WoS	2008-2025
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2025
11	Patentes	IMPI	SIGA	2008-2024